

In the Specification

Please substitute the following paragraph on page 1, beginning at line 23:

The use of solid supports such as microcarriers or Fibra-Cel® disks in bioreactor systems increases the available growth area for anchorage-dependent cells per unit of volume and results in obtaining satisfactory protein productivity. Microcarriers and Fibra-Cel® disks are thus routinely used in animal cell culture for the growth of anchorage-dependent cells and are among the established technological platforms for industrial production of proteins (see, e.g., Buck and Loh 1985; Bohak *et al.* 1987; Petti *et al.* 1994; Ikonomou *et al.* 2002).

Please substitute the following paragraph on page 2, beginning at line 4:

Fibra-Cel® disks are disks of 6 mm in diameter that are composed of polyester non-woven fiber bonded to a sheet of polypropylene mesh (see, e.g., U.S. patent No. 5,266,476 and worldwide web—pages. See Worldwide Websites: [nbsc.com/products/miscellaneous/fibracel/](http://nbsc.com/products/miscellaneous/fibracel/) and [nbsc.com/support/faqs/#fibra](http://nbsc.com/support/faqs/#fibra)). Fibra-Cel® disks are usually treated electrostatically to facilitate suspension cells adhering to the disks and becoming trapped in the fiber system, where they remain throughout the cultivation process. Cell density and productivity achieved with cells grown on Fibra-Cel® disks can be up to ten times higher than with cells growing on microcarriers.

Please substitute the following paragraph on page 7, beginning at line 33:

In still another preferred embodiment, step (c) is carried out at a temperature within a range of about 50°C to about 70°C. Preferably, said temperature is within a range of about 55°C minutes to about 65°C minutes. Most preferably, said temperature is of about 60°C.

Please substitute the following paragraph on page 11, beginning at line 18:

The external column—columns were packed with Fibra-Cel® disks (New Brunswick Scientific) according to the mass of carriers given in Table 1.